

## Product Information

**Anti-CD221**  
antibody produced in chicken,  
affinity isolated antibody

Catalog Number **GW21062**  
Formerly listed as GenWay Catalog Number 15-288-21062,  
Hypothetical protein Antibody.

Storage Temperature Store at -20 °C

Synonyms: Insulin-like growth factor 1 receptor

### Product Description

This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival.

NCBI Accession number: NP\_000866.1  
Swiss Prot Accession number: O43467

Gene Information: Human .. CD221 (3480)

Immunogen: Recombinant protein Insulin-like growth factor 1 receptor

Immunogen Sequence: GI # 4557665, sequence 214 - 318

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### Storage/Stability

For continuous use, store at 2-8 °C for up to one week. For extended storage, store in -20 °C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

LPG,MAM12/09-1